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| Application/Control No. | Applicant(s)/Patent under Reexamination |
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| 10/789,042 | AHN ET AL. |
| Examiner | Art Unit |
| N. Drew Richards | 2815 |

Appeal

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| llowed | , | + | Restricted | ı | Interference | 0 |

| Claim | | | C | ate | , | | | | Cla | im | | | | Da | ite | | | | | Cla | aim | | | | | ate | | | _ | |
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| 1 | VV | _ | | | | | | | | 51 | | | | | | | | | | | 101_ | | | | | | | | \Box | \Box |
| 2 | 1 1 | <u>، L</u> | | | | | | | | 52 | | | | | | | | | | | 102 | | | | | | | | \Box | |
| 3 | Ш | | | | | | | | | 53 | | | | | | | | | | | 103 | | | | | | | | \Box | |
| 4 | \prod | \mathbb{L} | | | \prod | | | | | 54 | | | | | | | | | | | 104 | | | | | | | | \Box | \Box |
| 5 | Ш | Τ | | | | | | | | 55 | | | | \prod | | Ι. | | | | | 105 | | | | | | | | | \Box |
| 6 | $\Pi\Pi$ | | | | | Ŀ | | | | 56_ | | | | | | 1 | | | | | 106 | | | | | | | | | |
| 7 | Ш | 丄 | | | | | | l L | | 57 | \Box | | | \perp | | | | | L | | 107 | | | | | | | | | _] |
| 8 | Ш | \perp | | | | | | l L | | 58 | \perp | \perp | | | | | | _ | | | 108 | | | | Ш | | | | _ | |
| 9 | $\Pi\Pi$ | Ι | | | | | | l L | | 59 | | | | | | | Ш | | | | 109 | | | | Ш | | | | _ | _ |
| 10 | Ш | | | | | | | l L | | 60 | | \perp | | \perp | | | | | L | | 110 | | | | | | | | \perp | \Box |
| 11 | $\coprod \coprod$ | L | \Box | | | | | l | \Box | 61 | \Box | Ţ | \Box | | | | Ш | | | | 111 | | | | \sqcup | | | | _[| |
| 12 | Π | | \Box | | \Box | \perp | | | \Box | 62 | \Box | \perp | | | | | Ц | \Box | Ĺ | | 112 | | \Box | | Ш | Ш | \Box | | \perp | \Box |
| 13 | Ш | Ţ | \Box | | \Box | \perp | | Į [| \Box | 63 | | $oldsymbol{\perp}$ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | | | | Ш | _] | Ĺ | | 113 | | | | \Box | | | | _[|] |
| 14 | | | | | | | | Į [| | 64 | | | | | L | | Ц | | | | 114 | | | | Ш | | | Ц | | |
| 15 | \prod | T | \Box | | | $\perp \Gamma$ | | Į [| \Box | 65 | | \perp I | $\perp I$ | \perp | \perp | \perp | \Box | \Box | | | 115 | | Ш | | \sqcup | Ш | Ш | \Box | ┙ | \Box |
| 16 | Ш | \perp | | | | | |] L | | 66 | \sqcup | \dashv | \perp | ┙ | ┸ | 丄 | Ш | _ | L | | 116 | | | | Ш | Ш | | | | |
| 17 | \prod | | Ш | | \Box | [` | | Į L | _[| 67 | \Box | | | | | | Ш | _ | |] | 117 | | $oxed{oxed}$ | | Ш | Ш | Ш | | _ | _ |
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| 19 | l√l∨ | / | | | | | |] [| | 69 | | | \perp | _L | | | Ш | | L | | 119 | | | | Ш | | | | | |
| 20 | NF | <u>'</u> | | | | | | l | | 70 | | | \perp | \perp | ┸ | | | | L | | 120 | | | | Ш | L | | | | _ |
| 21 | Λ | · I | | | | | \perp | | | 71 | | | | | L | | Ш | | L | | 121 | | | _ | | | | | $ \bot $ | _ |
| 22 | $\Pi \Pi$ | | | | | | |] [| | 72 | | | \perp | | L | L | | | | | 122 | | | | Ш | | | | \perp | |
| 23 | $\Pi\Pi$ | | | | | | | l | \Box | 73 | | | \perp | | | L | | | L | | 123 | | | | Ш | | | | | |
| 24 | $\Pi\Pi$ | | | | | | | | | 74 | | | | | | | | | | | 124 | | | | Ш | | | | ┙ | |
| 25 | Ш | L | | | | | | l | | 75 | | | | \perp | ┸ | ┸ | Ш | ┙ | L | | 125 | | | | | Ш | | | _ | |
| 26 | Ш | | | | | | |] [| | 76 | | | \perp | | | | | | | | 126 | | | | Ш | | | | | |
| 27 | Ш | | | | | | | l L | _ | 77 | | \perp | \perp | ᆚ | ┸ | ┸ | Щ | _ | | | 127 | | \Box | | Ш | Ш | | | _ | _ |
| 28 | $\Box \Pi$ | | | | | | | | | 78 | | | \perp | \perp | ┸ | | Ш | _ | L | | 128 | | | | | | | | \sqcup | |
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| 30 | | | | | | | | lL | | 80 | | | | | | <u> </u> | Ш | _ | L | | 130 | | | | Ш | Ш | | | | _ |
| 31 | | Ш | | | \Box | $\perp \Gamma$ | | | \Box | 81 | | | | | L | | Ш | \Box | Ĺ | | 131 | | Ш | | Ш | Ш | | | | |
| 32 | | Щ | Ш | | \bot | \perp | | ĮĹ | _[| 82 | | _ | _ | \perp | 1 | 1 | \sqcup | | Ĺ |] | 132 | Ш | Щ | | \sqcup | Щ | Ш | \Box | ユ | _ |
| 33_ | | Ш | $oldsymbol{oldsymbol{\sqcup}}$ | | \perp | _ | | ΙL | | 83 | Ш | | 4 | ᆚ | ┸ | 丄 | Ш | Ц | L | | 133 | Щ | Щ | | Ш | Щ | Ш | \Box | _ | _ |
| 34 | $oldsymbol{oldsymbol{\sqcup}}$ | 1 | \perp | | \dashv | | | _ | _ | 84 | \sqcup | | ightharpoonup | \perp | ┸ | ↓_ | Ш | _ | L | | 134 | Ш | | لسا | Ш | Ш | Ш | Ш | ᆚ | \Box |
| 35 | | 11_ | \perp | Ш | \perp | 4 | <u> </u> | ↓ L | _ | 85 | \sqcup | _ | \bot | \perp | \bot | ↓_ | Ш | | L | | 135 | | | | \sqcup | Ш | | \sqcup | ᆚ | _ |
| 36 | | 1 | \perp | \Box | | ┙ | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ | l L | _ | 86 | | _ | _ | | 丄 | 1 | Ш | _ | L | | 136 | | Ш | | ╙ | Ш | | | ᆚ | |
| 37 | | 1 | | Ц | | \perp | | l L | \perp | 87 | | \perp | 4 | | | Ļ | Ш | _ | Ĺ | | 137 | | \Box | | Ш | Щ | Ш | \Box | | |
| 38 | | 1 | $oldsymbol{\perp}$ | | \bot | \perp | | l L | _[| 88 | | [| | | L | \perp | Ш | _ | Ĺ | | 138 | | | | \sqcup | | | | _ | _ |
| 39 | | Щ. | \perp | \Box | _ | ᆚ | \bot | l L | _ | 89 | \sqcup | \perp | _ | Ц. | ┸ | \perp | Ш | _ | L | | 139 | | | | Ш | Щ | Ш | \sqcup | _ | _ |
| 40 | \coprod | Щ | $oldsymbol{ol}}}}}}}}}}}}}$ | | | | | Į L | _ | 90 | | _ | | $oldsymbol{\perp}$ | ┸ | \perp | Ш | | Ļ | | 140 | Ш | Ш | L_ | Ш | Ш | Ш | Ш | ┙ | |
| 41 | Ш | Щ. | $\bot \bot$ | Ц | _ | \dashv | | ↓ | _ | 91 | \sqcup | _ | 4 | | \perp | 4 | Ш | _ | L | | 141 | Ш | \square | Щ | Ш | Ш | | Ш | \dashv | _ |
| 42 | $\coprod \coprod$ | Щ | 11 | | | | 4_ | Į | _1 | 92 | \sqcup | _ | \perp | | ┸ | $oldsymbol{\perp}$ | Ш | _ | L | | 142 | Ш | Ш | Щ | Ш | Щ | Ш | Ш | ᆚ | |
| 43 | $\coprod I$ | L | $oldsymbol{\perp}$ | | \bot | \perp | | L | _ | 93 | \sqcup | | \bot | ⅃. | 丄 | \perp | Ш | \sqcup | L | | 143 | Щ | Ш | Ш | \sqcup | Ш | Ш | Ш | ᆚ | _ |
| 44 | VV | | $\perp \downarrow$ | | | \perp | | l L | _ | 94 | \perp | 4 | 4 | \perp | 1 | 1 | Ш | _ | L | | 144 | Щ | Ш | Ш | \sqcup | Ш | Ш | Ш | _ | _ |
| 45 | ИP | Щ. | \perp | | | _[_ | | L | | 95 | \sqcup | _ | _ | 4 | ┸ | \bot | | | L | | 145 | L., | | | | | Ш | \sqcup | ᆚ | _ |
| 46 | \sqcup | 1 | $oldsymbol{\perp}$ | | \perp | \perp | | Į | | 96 | Ш | | _ | | ┸ | <u> </u> | Ц | _ | L | | 146 | _ | | | ╙ | Ш | Ц | | ᅵ | _ |
| 47 | ₩. | 1 | 44 | \Box | _ | _ | | ▎┕ | | 97 | \sqcup | _ | 4 | \bot | 4 | \bot | Ш | _ | L | | 147 | | Ш | | \sqcup | | | Ш | | |
| 48 | $\bot\bot$ | 1 | $\perp \downarrow$ | Ш | _ | 4 | | ↓ L | _ | 98 | \sqcup | _ | 4 | ┸ | \perp | 1_ | Ш | _ | L | | 148 | | \sqcup | | Ш | Ш | Ш | \Box | ᆚ | |
| 49 | | ┸ | ┶ | | | | Ш. | Į L | | 99 | Ц | ᆚ | 4 | ᆚ | ┸ | \perp | Ш | ╝ | L | | 149 | | Ш | | Ш | Ш | Ш | \Box | | |
| 50 | Щ. | | | | | ᆚ | | JL | | 100 | Ш | | L | _ L | 丄 | | Ш | ┙ | L | | 150 | | Ш | | Ш | L | Ш | Ш | 丄 | |